

KHAVKIN, Lev Moiseyevich; KRYZHANOVSKIY, Boris Borisovich;  
KRZHEVINSKIY, S.A., nauchn. red.

[Sand-lime concrete panels for prefabricated housing  
construction] Silikatobetonnye paneli dlja sbornogo domo-  
stroeniia. Moskva, Stroizdat, 1964. 242 p.  
(MIRA 18:3)

KHAVKIN, L.M.

Multistory experimental buildings of lime-concrete elements.  
Stroi.mat. 10 no.4;26-27 Ap '64. (MIRA 17:5)

KHAVKIN, L.M., inzh.; CHERVINSKAYA, R.L., inzh.; KOZ'MINA, T.G., inzh.;  
KOZOVA, N.A., inzh.

Resistance of sand-lime concrete in aggressive solutions.

Stroi. mat. 10 no.11:24-25 N '64.

(MIRA 18:1)

KHAVKIN, L. P.  
USSR/Physics - Pressure, Measurement of

FD-2040

Card 1/1      Pub. 153-23/30

Author      : Khavkin, L. P.

Title      : Pressure Measurement of Various Gases by a Thermocouple Manometer

Periodical      : Zhur Tekh. Fiz, 25, 726-732, 1955

Abstract      : A domestic thermocouple manometer LT-2 is widely applied in USSR laboratories and in industry. The operation of this manometer filled with various gases is studied and the calibration curves illustrated. Indebted to S. A. Vekshinskiy, V. F. Ul'yanov and L. V. Kabanova. Seventeen references, 14 foreign.

Institution      :

Submitted      : October 6, 1954

Radioactive ionization manometer.  
Priory i Telb (Lipetsk) 1966 No 1-19.  
A noncondensation theory is developed for a cylindrical radioactive  
ionization manometer. The manometer has a sensitivity of  
 $1.7 \times 10^{-10} \text{ mm Hg}$  and a range from  
 $10^{-1}$  to  $200 \text{ mm Hg}$ .

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721920001-9"

KHAVKIN, L.P.

Using the LF-2 thermocouple manometer for measuring air pressures  
in the  $10^{-3}$   $10^{-2}$  mm.mercury column range. Prib.i tekh.eksp.no.3:  
102-103 M-D '56. (MLEA 10:2)

1. Nauchno-issledovatel'skiy vakuumnyy institut.  
(Manometer)

KHAVKIN, L. P.

USSR/ Laboratory Equipment. Apparatuses, Their  
Theory, Construction and Application.

I

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27339.

Author : L.P. Khavkin.

Title : To The Theory of Ionization Manometer.

Orig Pub: Zh. Tekhn. fiziki, 1956, 26, No. 10, 2356-2360.

Abstract: Simple approximate formulae are proposed; these formulae more satisfactorily describe the course of the function of the probability and the efficiency of ionization in a wider range of electron energies than the earlier one. Based on the theory of the ionization manometer of Morgulis and proposed approximations, computation formulae connecting the sensitivity of the manometer with its geometrical dimensions and electri-

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721920001

USSR/ Laboratory Equipment. Apparatuses, Their  
Theory, Construction and Application.

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27339.

cal parameters are deducted. A comparison of computed date with experimental ones is done.

Card 2/2

SOV-120-53-3-24/33

AUTHORS: Grigor'yev, A. M., Knevkin, I. P., Tsybins, N. V.

TITLE: Measurement of Pressures from 0.1 to 5 mm Hg Using a Thermocouple Gauge (Izmereniye davleniy ot 0.1 do 5 mm rt. st. termoparnym manometrom)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1953, Nr 3, pp 97-99 (USSR)

ABSTRACT: A simple hot-wire gauge working at wire temperatures below 150°C is fitted with a thermocouple; the wire temperature is kept constant by manual adjustment. Fig.1 shows the theoretical circuit, and Fig.2 shows the mean and extreme range in the calibration curves for 7 such gauges working in dry air over the range  $10^{-2}$  to 5 mm Hg. Fig.3 gives the detailed practical circuit, with all component values. Fig.4 shows the measured characteristics (lines) and calculated points for argon (1), air (2), neon (3), helium (4) and Hydrogen (5). The calculated points are derived using Smoluchovsky's equation (Ref.5), and agree very well with the experimental curves. The table gives values of the parameters in the Smoluchovsky equation

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SOV-120-58-3-24/33

Measurement of Pressures from 0.1 to 5 mm Hg Using a Thermocouple  
Gauge

calculated relative to air for the other gases. The paper  
contains 4 figures and 1 table, plus 6 references, 2 of  
which are Soviet

SUBMITTED: September 23, 1957.

1. Pressure--Measurement
2. Pressure gages--Design
3. Thermocouples--Applications

Card 2/2

SOV/120-59-1-31/50

AUTHORS: Penchko, Ye. A., Khavkin, L. P.

TITLE: A Tetrode Ionisation Manometer (Tetrodnyy ionizatsionnyy manometr)

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 1, pp 128-129 (USSR)

ABSTRACT: The ion current in an ionisation manometer is proportional to the anode current and the gas pressure. The constant of proportionality depends on the form and the dimensions of the electrodes and the potentials applied to them. In order that the ion current should be a linear function of the pressure it is necessary to keep constant both the anode current and the working potentials applied to the electrodes. The voltages can be quite easily stabilized but the stabilization of the anode current is more difficult. In some cases the anode current is stabilized by means of negative feedback between the anode current and the heater currents as shown in Fig 1. This device is not very convenient in practice. The device now described (Fig 2) is more convenient. The device uses a tetrode working in the space-charge region. Negative feedback is used to stabilize the anode current as shown in Fig 2. Typical electrode assemblies are shown in Fig 4. The manometer with a cylindrical collector (on the right) is designed

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SOV/120-59-1-31/50

A Tetrode Ionisation Manometer

for use between  $10^{-7}$  and  $10^{-3}$  mm Hg. It has a tungsten cathode 0.04 mm in diameter. The control grid and the anode grid are coaxial and made of nickel wire 0.2 mm in diameter. The collector is in the form of a cylinder 28 mm in diameter. The manometer with the axial collector is designed for the pressure range  $10^{-9} - 10^{-4}$  mm Hg. It has a tungsten cathode 0.05 mm in diameter placed asymmetrically on the periphery. The cylindrical anode grid is made of nickel wire 0.2 mm in diameter. The control grid is plane and is placed between the cathode and the anode grid at a distance of 2 mm from each. It is also made from nickel wire. The collector is 0.1 mm in diameter and is made of tungsten. It is placed along the axis of the anode grid. The working values of the various parameters are given in the table on p 129. The latter manometer

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SOV/120-59-1-31/50

A Tetrode Ionisation Manometer

is similar to that described by Bayard and Alpert (Ref 1).  
There are 4 figures, 1 table and 1 English reference.

SUBMITTED: January 2, 1958.

Card 3/3

SOV/120-59-4-38/50

AUTHORS: Penchko, Ye. A., Khavkin, L. P., Borodkin, A. S.

TITLE: Production of Extremely High Vacua

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 4, p 146 (USSR)

ABSTRACT: Some tests are reported on a sealed tetrode ionization gauge immersed in liquid helium at 1.9°K. The gauge is sealed off at  $10^{-6}$  mm Hg; the limiting pressure recorded is about  $3 \times 10^{-9}$  mm Hg, and the approach to that limiting pressure is such as to indicate that two distinct groups of gases are involved. This residual pressure has two causes: 1) the filament heats the glass bulb and releases gas (this cause is removed by using a bulb consisting almost entirely of copper), and 2) the residual gas in the bulb (at  $10^{-6}$  mm Hg), which is released when the stem

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SOV/120-59-4-38/50

Production of Extremely High Vacua

is sealed, contains sufficient He to correspond to a pressure of about  $8 \times 10^{-10}$  mm Hg. The paper contains 2 references, 1 of which is Soviet and 1 English.

SUBMITTED: May 22, 1958.

Card 2/2

85353

S/120/60/000/005/025/051  
EO32/E314

21.7100

AUTHOR: Khavkin, L.P.TITLE: Plutonium Radioactive Ionisation Manometer //PERIODICAL: <sup>79</sup>Pribory i tekhnika eksperimenta, 1960, No. 5,  
pp. 101 - 106

TEXT: The radioactive ionisation manometers described so far (Refs. 1-3) are the so-called alphatrons. They employ radium as the radioactive source. However, in addition to  $\alpha$ -particles, radium also emits penetrating  $\gamma$ -radiation and liberates the radioactive gas, radon. As a result, the use of these manometers presents a definite <sub>239</sub>radiation hazard. The present authors have found that  $\text{Pu}^{239}$  is more convenient from this point of view since the  $\gamma$ -rays emitted by plutonium have an energy of no more than 50 keV. This  $\gamma$ -radiation can therefore be completely absorbed by the walls of the instrument. Moreover, plutonium does not liberate any gaseous radioactive decay products. Since plutonium has a lower specific activity than radium, a greater amount of this material is required as compared with radium. It is stated that the best method is to deposit (electrolytically) a thin layer of plutonium onto the

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S/120/60/000/005/025/051  
E032/E514

Plutonium Radioactive Ionisation Manometer

inner surface of a cylindrical anode, the collector being located at the centre. In order to reduce the photoelectric effect the collector wire should be as thin as possible, similarly to the Alpert gauge. The theory of the radioactive manometer given by the previous author in Ref. 1 does not apply to the present design since it was concerned with a point source. The theory is modified in the present paper to take into account the modified geometry of the manometer. It is shown that the sensitivity of the radioactive manometer of the above type is given by :

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S/120/60/000/C05/0..5/051  
E032/E314

## Plutonium Radioactive Ionisation Manometer

$$K = Cmr_a \varphi(y) ;$$

$$\varphi(y) = 2 - \frac{5}{4} (\sqrt{4 + y^2} - y) -$$

$$- \frac{1}{y} \ln \left[ \frac{1}{2} (\sqrt{4 + y^2} + y) \right] +$$

$$+ \frac{1}{2} y \ln \left[ \frac{1}{2y} (\sqrt{4 + y^2} + y) \right].$$

✓

$$y = 1/r_a$$

where  $m$  is the mass of the radioactive material (in g),  
 uniformly distributed over the inner surface of  
 Card3/6 the cylindrical anode,

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S/120/60/000/005/025/051  
E052/E514

## Plutonium Radioactive Ionisation Manometer

$r_a$  is the radius of the anode,  
 $L$  is its length,  
 $A$  is the Avogadro number,  
 $E_o$  is the initial energy of the  $\alpha$ -particles,  
 $e$  is the electronic charge,  
 $M$  is the mass number of the radioactive isotope,  
 $T$  is its half-life,  
 $E_i$  is the ionisation energy of the gas,  
 $R_o$  is the mean free path of the  $\alpha$ -particles in  
the gas at a pressure  $p_o$  and

$$C = (AE_o eln2)/(2MTE_i R_o p_o) \quad (2)$$

It was found experimentally that for pressures lower than  
0.1 mm Hg the dependence of the ion current on pressure is

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S/120/60/000/005/051  
E032/E314

Plutonium Radioactive Ionisation Manometer

nonlinear. This is ascribed to additional ionisation due to  $^{235}\text{U}$  atoms which are ejected in the  $\alpha$ -disintegration process of plutonium. These atoms have a relatively low energy (80 - 100 V) and a very small mean free path. It was found that this effect can be avoided by depositing a thin non-radioactive film onto the deposit of plutonium. This film absorbs the recoil atoms but transmits the  $\alpha$ -particles. The experimentally determined ion current obtained as a function of pressure is shown in Fig. 6. It was found that manometers with  $L = 8 \text{ cm}$  and  $r_a = 1.28 \text{ cm}$  had an average sensitivity of  $1.62 \times 10^{-10} \text{ A/mm Hg}$  and the working characteristic was linear between 0.01 and 100 mm at an anode voltage of 75 V. The non-radioactive film covering the plutonium deposit was an aluminium foil  $6 \mu$  thick. Below 0.01 mm Hg the background current begins to be appreciable and equals the ion current at  $3 \times 10^{-3} \text{ mm Hg}$  ( $5 \times 10^{-13} \text{ A}$ ). The code number given to this manometer is MP-2 (MR-2). The manometer is

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S/120/60/000/005/015/051  
EO32/E514

## Plutonium Radioactive Ionisation Manometer

convenient for the pressure range 0.01 to 100 mm Hg. The semi-empirical formula:

$$\frac{K}{K_B} = 2.92 \sqrt{\frac{M}{U_i}} \quad (8)$$

was found to be suitable for estimating the sensitivity of the manometer to different gases. In this formula  $K_B$  is the sensitivity of the manometer in air, M and  $U_i$  is the molecular weight and the ionisation potential (in V) of the gas under investigation, and K is the required sensitivity. Acknowledgments are expressed to I.A. Reformatskaya and N.B. Borisov for assistance in this work. There are 10 figures and 6 references: 4 Soviet and 2 English.

SUBMITTED: July 28, 1959

Card 6/6

KHAVKIN, L.P.

Error in compression manometer readings due to the presence  
of a stream of mercury vapor in :t. Prib. i tekhn. eksp. 9  
no. 5:165-167 S-O '64. (MIRA 17:12)

KHAVKIN, L.S., dotsent

Treatment of multiple fractures of extremital bones. Ortop.,  
travm. i protez. 25 no.6:65 Je '64.

(MIRA 18:3)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. P.M.  
Maksimov) Ivanovskogo meditsinskogo instituta (rektor - dotsent  
Ya.M. Romanov) i travmatologicheskogo otdeleniya pri oblastnom  
gospitale invalidov Otechestvennoy voyny (nachal'nik - zaslu-  
zhennyy vrach RSFSR V.K. Shilov).

KHAWKIN, L.S.

Khawkin, L.S. "One-hundred-fifth intra-arterial blood transfusions", Prilivanye  
Izrevi, Collection 3, (Ivanovo), 1940, p. 63-66.

CC: V 3042, 11 March 53, (Letopis 'Zhurnal 'Nayk' SSSR' No. 7, 1943)

KHAKIN, L.S.

Khakin, L.S. "A case of effective use of intra-arterial blood transfusion under conditions of clinical death", Perelivaniye krovi, Collection 3, (Ivanovo), 1942, p. 89-91.

S.: U-3042, 11 March 53, (Letopis 'zhurnal 'nykh Statey No. 7 1949)

KHAVKIN, L.S., kandidat meditsinskikh nauk

Techniques of surgical therapy of pseudarthrosis of the humerus.  
Khirurgija no.4:77-78 Ap '54.

(MLRA 7:6)

1. Iz propedevticheskoy khirurgicheskoy kliniki Ivanovskogo  
meditsinskogo instituta.  
(SHOULDER, diseases,  
\*pseudarthrosis, surg.)  
(PSUEDARTHROSIS,  
\*shoulder, surg.)

KHAVKIN, L.S., dotsent

Pin guide for skeletal traction. Ortop., travm.i protez. no.7<sup>8</sup>  
57-58 '61. (MIRA 14:8)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. P.M.  
Makimov) Ivanovskogo meditsinskogo instituta (dir. - dots.  
Ya.M. Romanov). (ORTHOPEDIC APPARATUS)

KHAVKIN, L.S., dotsent; KURZINA, A.I.

Remote results of treating epiphysiolysis of the distal part  
of the radius. Ortop., travm. i protez. no.1:30-34'63.  
(MIRA 16:10)

1. Iz gorodskogo travmatologicheskogo punkta (zav. - A.I.  
Kurzina) Ivanovskogo oblastnogo gospitalya dlya invalidov  
Otechestvennoy voyny (nachal'nik - V.K.Shilov).

\*

KHAVKIN, M.L.

Treating fractures of the clavicle with a new plaster of Paris cast.  
Ortop. travm. i protez. 21 no. 9:60-64 S '60. (MIRA 13:12)

1. Iz kafedry ortopedii i travmatologii (zav. - dotsent M.V. Khovenko)  
Stalinskogo meditsinskogo instituta imeni A.M. Gor'kogo (dir. -  
dotsent A.M. Ganichkin) i Ukrainskogo instituta ortopedii i travmatologii  
imeni M.I. Sitenko (dir. - chlen-korrespondent AMN SSSR prof.  
N.P. Novachenko).

(CLAVICLE—FRACTURE)

KHAVKIN, M.L.; SHTUTIN, A.Ya.; LEVITSKIY, F.A.; TRIFONOVA, A.D.

Mikhail Vasil'evich Khovenko; on his 60th birthday. Ortop. travm.  
i protez. 21 no. 9:78 S '60. (MIRA 13:12)  
(KHOVENKO, MIKHAIL VASIL'EVICH, 1900-)

KHAVKIN, N. F.

"Preliminary Celestial Calculations for Night Flying," Vest. Vozd. Flota,  
No.4, pp 66-68, 1955

Translation D 306316, 12 Aug 55

The author presents a method to simplify the navigator's job during the flight by preparing some data for celestial navigation before the flight.

SHMIDT, Vladimir Vladimirovich; KHAVKIN, P.A., red.; YEZOV, G.M.,  
tekhn. red.

[Recent developments are introduced into the cutting crew]  
Novoe prikhodit v lesoseku. Perm', Permskoe knizhnoe izd-vo,  
1963. 105 p.  
(Lumbering—Machinery)

DEVINGTAL', Yuryi Vladimirovich; KHAVKIN, P.A., red.; YEZOV, G.M.,  
tekhn. red.

[Present-day computer techniques in industry] Sovremennaya  
vychislitel'naya tekhnika v promyshlennosti. Perm', Perm-  
skoe knizhnoe izd-vo, 1963. 48 p. (MIRA 17:3)

VAYNSHTEYN, Boris Natanovich, inzh.; KHAVKIN, P.A., red.;  
SUKMANOVA, K.G., tekhn. red.

[Cutting tools for machining holes] Instrumenty dlia ob-  
rabotki otverstii. Perm', Permskoe knizhnoe izd-vo,  
1962. 53 p. (MIRA 17:3)

KHAVKIN, S.

Words of Il'ich brought courage and confidence. Sov. torg. 33  
no. 4:56-58 Ap '60. (MIRA 14:5)

1. Chlen Kommunisticheskoy partii Sovetskogo Soyuza s 1911 g.  
(Russia—Economic conditions)  
(Lenin, Vladimir Il'ich, 1870-1924)

KHAVKIN, S.

New book on the production of means of production in the U.S.S.R.  
industry ("Capital assets of socialist industry" by P.G. Bunich.  
Reviewed by S. Khavkin). Fin. SSSR 22 no.7:90-92 J1 '61.

(MIRA 14:7)

(Capital) (Bunich, P.G.)

MITROFANOV, A.I., kand. ekon. nauk; TIKIDZHIYEV, R.N., kand. ekon. nauk; BEREGOVA, L.I.; SLABCHENKO, S.K.; SHAPIRO, Ye.A.; KORZUM, P.P., kand. ekon. nauk; KHAVKIN, S.N., kand. ekon. nauk; REZHIKOV, A.I.; KONIKOV, L.A., red.; GERASIMOVA, Ye.S., tekhn. red.

[Determining specific capital investments in industry]  
Opredelenie udel'nykh kapital'nykh vlozhenii v promyshlennost'. Moskva, Ekonomizdat, 1963. 215 p.  
(MIRA 17:1)

1. TSentral'nyy nauchno-issledovatel'skiy ekonomicheskiy institut.  
(Capital investments)

KHAVKIN, S.M.

Potentialities for the reduction of capital repair costs of mining machinery in the Moscow region coal basin. Ugol' 30 no.1:32-35  
Ja '55. (MLRA 8:3)

1. Moskovskiy gornyy institut im. I.V.Stalina.  
(Moscow Basin--Coal-mining machinery)

KONCHEV, Semen Kuz'mich, dotsent; KHAVKIN, Semen Naumovich, kandidat ekonomicheskikh nauk; KIRZHNER, D.M., otvetstvennyy redaktor; SUROVA, V.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Problems in the economics and organization of repair of mining equipment] Voprosy ekonomiki i organizatsii remonta gornoshakhtnogo oborudovaniia. Moskva, Ugletekhnizdat, 1956. 124 p. (MLRA 9:12)  
(Coal mining machinery—Repairing)

KHAVKIN, T.N.

Combined staining of elastic tissue and fat. Arkh. pat., Moskva 14  
no.1:86-87 Jan-Feb 1952. (CMLL 22:1)

1. Of the Department of Pathological Anatomy (Head -- Academician N.N. Anichkov), Institute of Experimental Medicine of the Academy of Medical Sciences USSR and of the Pathologico-Anatomic Laboratory (Head -- T. N. Major Khavkin, Medical Corps).

KHAVKIN, T.N.

Argyrophil fibers of the wall of the aorta and their role in  
formation of foci of atherosclerosis. Arkh. pat., Moskva 14 no.  
5:69-75 Sept-Oct 1952. (CLML 23:3)

1. Of the Department of Pathological Anatomy of the Institute of  
Experimental Medicine (Head -- Academician N. N. Anichkov) of the  
Academy of Medical Sciences USSR and of the Pathologico-anatomic  
Laboratory (Head -- Major T. N. Khavkin, Medical Corps). 2. Author  
is from Tashkent.

KHAVKIN, T.N.

Certain forms of rheumatic bursitis. Arkh. pat., Moskva 15 no.6:  
81-82 Nov-Dec 1953.  
(CIML 25:5)

KHAKIMENKO,  
KALLISTOV, A.I., kandidat meditsinskikh nauk; KHAKIM, T.N., kandidat  
meditsinskikh nauk

Vascular changes following homoplastic transplantation of pre-  
served arteries experimental investigations. Vest.khir.74 no.8:  
24-30 D '54. (MLRA 8:10)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (nach.prof. V.N.  
Shamov) Voyenno-meditsinskoy akademii im.S.M.Kirova i iz 172-i  
patologoanatomiceskoy laboratorii. Adres avtora: Leningrad,  
ul. P.Lavrova, d.12, kv.5.

(TRANSPLANTATION,  
arteries, vasc.changes after transpl. of homo-  
plastic preserved grafts in animals)

(ARTERIES, transplantation,  
vasc.changes after transpl. of homoplastic pre-  
served grafts in animals)

USSR / Human and Animal Morphology (Normal and Pathological).  
Circulatory System. Blood Vessels.

S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40866

Author : Khavkin, T. N.  
Inst : Not given  
Title : Anatomicorontgenological Investigations in Atherosclerosis of the Arteries of the Lower Extremities

Orig Pub : Arkhiv patologii, 1957, 19, No 3, 32-38

Abstract : The roentgenological particularities of the arteries in the absence and presence of atherosclerotic changes and in elevated blood pressure are described. There is no full parallelism between the anatomical changes of the arteries and the data of the arterio-graphic study. The character of the shadow of the artery in the segment of distribution of atherosclerotic plaques depends primarily on the position of the plaques in

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721920001-9  
Human and Animal Morphology (Normal and Pathological).  
Circulatory System. Blood Vessels.

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40866

relation to the direction of the roentgen rays. The most evident roentgenological changes were produced by circular plaques, narrowing the lumen, or by plaques and thrombi completely closing the arterial lumen. The atherosclerotic and age changes are manifested more markedly in hypertensive disease than usually. --  
S. S. Bryusova

Card 2/2

NIKISHIN, K.IH., dotsent; KHAVKIN, T.N., kand.med.nauk

Brochogenic cancer and tuberculosis. Med.zhur.Uzb. no.6:21-26  
Je '58. (MIRA 13:6)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav. -  
prof. D.M. Abdurasulov) Tashkentskogo instituta usovershenst-  
vovaniya vrachey i iz Okruzhnoy patologoanatomiceskoy labora-  
torii (nach. - T.N. Khavkin).

(LUNGS--CANCER) (TUBERCULOSIS)

KHAVKIN, T.N., kand.med.nauk (Petrozavodsk)

Review of the book on the "Symposium on atherosclerosis." Arkh.pat.  
21 no.6:81-84 '59. (MIRA 12:12)  
(ATHEROSCLEROSIS)

NIKISHIN, K.Ye., polkovnik meditsinskoy sluzhby, dotsent; KHAVKIN, T.N.,  
podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Early diagnosis of bronchogenic cancer. Voen.-med.zhur. no.12:20-24  
'59.

(MIRA 14:1)

(BRONCHI--CANCER)

KHAVKIN, T.N.

Thrombi of the arteries in arteriosclerosis (in connection with  
Duguid's theory). Arkh. pat. 22 no. 11:78-85 '60. (MIRA 14:1)  
(ARTERIOSCLEROSIS) (THROMBOSIS)

KHAVKIN, T.N.; ZMOIRO, I.D.

Spontaneous infarction of the testes. Urologiia 26 no.1:57-61 '61.  
(MIRA 14:3)  
(TESTICLE--BLOOD SUPPLY)

KHAVKIN, T.N.

Study of spermatogenesis in the guinea pig by histochemical detection of polysaccharides in spermatids. Dokl. AN SSSR 136 no.4:944-947 F '61.  
(MIRA 14:1)

1. Vojenno-meditsinskaya akademiya imeni S.M. Kirova. Predstavleno akademikom N.N. Anichkovym.  
(Spermatogenesis in animals)

CHALISOV, I.A.; KHAVKIN, T.N.

Histochemical reaction for polysaccharides in studying disorders  
of spermatogenesis. Dokl. AN SSSR 143 no.1:214-217 Mr '62.  
(MIRA 15:2)

(SPERMATOGENESIS IN ANIMALS)  
(X RAYS--PHYSIOLOGICAL EFFECT)  
(POLYSACCHARIDES)

KHAVKIN, T.N.; AMOSENKOVA, N.I.

Immunoluminescent method for studying the morphology of experimental rickettsioses. Dokl. AM-SSSR 149 no.4:969-972 Ap '63.  
(MIRA 16:3)

1. Institut eksperimental'noy meditsiny AMN SSSR i Leningradskiy institut epidemiologii i mikrobiologii im. Pastera. Predstavleno akademikom N.N.Anichkovym.

(RICKETTSIAL DISEASES) (FLUORESCENCE MICROSCOPY)

KHAVKIN, T.n.; AMOSENKOVA, N.I.

Local reaction in guinea pigs inoculated with Rickettsia prowazekii.  
Trudy Len.inst.epid.i mikrobiol. 23:85-97 '61. (MIRA 16:3)

1. Iz laboratorii infektsionnoy patologii otdela patologicheskoy  
anatomii Instituta epidemiologii i mikrobiologii AMN SSSR i  
laboratorii osobo opasnykh infektsiy i rikketsiozov Leningradskogo  
instituta epidemiologii i mikrobiologii imeni Pastera.  
(RICKETTSIA) (VACCINATION)

AMOSENKOVA, N.I.; KHAVKIN, T.N.

Course of experimental Q fever pneumonia in white mice;  
experiments in intranasal inoculation. Trudy Len. inst. epid.  
i mikrobiol. 25:154-159 '63.

Local peritoneal reaction in experimental Q fever in white  
mice. Ibid.:160-169 (MIRA 17:1)

1. Iz otdela posobu opasnykh infektsiy Leningradskogo insti-  
tuta epidemiologii i mikrobiologii imeni Pastera i labora-  
torii infektsionnoy patologii otdela patologicheskoy anatomii  
Instituta eksperimental'noy meditsiny AMN SSSR.

VOYNO-YASENETSKIY, M.V.; KHAVKIN, T.N.

Study of the intraepithelial localization of dysentery pathogens  
by means of fluorescent antibodies. Zhur. mikrobiol., epid. i  
immun. 41 no.4:98-100 Ap '64. (MIRA 18:4)

1. Institut eksperimental'noy meditsiny AMN SSSR.

OSIPOV, L.N.; ANTIPIN, M.K.; KHAVKIN, V.A.

Plant practice in regenerating alumocobalt molybdenum catalysts.  
Nefteper. i neftekhim. no.7:7-9 '65. (MIRA 18:12)

1. Ordana Lenina Ufimskiy neftepararabatyvayushchiy zavod i  
Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva.

KHAVKIN, V. A.

S/065/63/000/003/001/006  
E075/E436

AUTHORS: Rysakov, M.V., Agafonov, A.V., Gol'dshteyn, D.L.,  
Osipov, L.N., Rogov, S.P., Khavkin, V.A.  
TITLE: Hydrofining of diesel fuels with a considerable  
reduction of hydrogen consumption

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.3, 1963, 7-12

TEXT: In an attempt to refine sulphurous diesel fuels with a reduced quantity of hydrogen, a method was developed with the use of internal H<sub>2</sub> (autofining) as well as external H<sub>2</sub>. It was applied to a 1:1 mixture of diesel fuel fractions from Arlan crude and catalytic gas oil from Romashkino crude. The method gave the optimum results at 30 kg/cm<sup>2</sup> and 400°C. Lowering the pressure to 22 kg/cm<sup>2</sup> does not affect the H<sub>2</sub> consumption. Increase of temperature to 420 - 440°C, although decreasing the H<sub>2</sub> consumption, may shorten the catalyst life (alumino-cobaltomolybdate). At 400°C and 30 kg/cm<sup>2</sup> the content of aromatics decreases to 16.5% from 21.6% with a simultaneous increase in the amount of naphthene-paraffins. The catalyst was used without losing its activity for 400 hours at a space velocity of 2.0 h<sup>-1</sup>, temperature 400°C, pressure 30 kg/cm<sup>2</sup> and H<sub>2</sub> circulation of 300 m<sup>3</sup>/m<sup>3</sup>. The

Card 1/2

Hydrofining of diesel ...

S/065/63/000/003/001/006  
E075/2436

consumption of H<sub>2</sub> was 0.2 to 0.3 wt.% of the diesel fuel.  
The refined fuel contained 0.12 to 0.15% S (originally 1.62%).  
There are 4 tables.

ASSOCIATION: VNII NP

Card 2/2

L 22931-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD/WB  
SOURCE CODE: US/145/65/000/00P/0001/0004  
L 6017743

Sapov, V. N.; Agafonov, A. V.; Olyavkin, L. I.; Koz'min, V. F.

NP

Effect of nitrogen compounds on hydrocracking. I. Heavy distillates

Yamada, Tetsuro; Miyazaki, Toshiyuki; Yamamoto, Toshio

Organic nitrogen compound, catalytic cracking, hydrogenation, gasoline, hydrocracking

The main results of studies on the effect of organic nitrogen on the hydrocracking and catalytic cracking of heavy distillates are presented. It is shown that the effect of organic nitrogen on hydrocracking is more pronounced than on catalytic cracking. The effect of organic nitrogen on hydrocracking is more pronounced at the high pressure of hydrogen (100 kg/cm<sup>2</sup>) than at low pressure (10 kg/cm<sup>2</sup>). The effect of organic nitrogen on hydrocracking is more pronounced at the low temperature of 450°C than at 500°C.

Effect of organic nitrogen on hydrocracking and catalytic cracking of heavy distillates was studied. The effect of organic nitrogen on hydrocracking was more pronounced than on catalytic cracking. The effect of organic nitrogen on hydrocracking was more pronounced at high pressure of hydrogen (100 kg/cm<sup>2</sup>) than at low pressure (10 kg/cm<sup>2</sup>). The effect of organic nitrogen on hydrocracking was more pronounced at the low temperature of 450°C than at 500°C. The effect of organic nitrogen on hydrocracking was more pronounced at the low temperature of 450°C than at 500°C.

L 27931-66

ACC NR: AP6017743

0

catalyst showed that nitrogen has a substantial effect on the activity and stability of the second stage catalyst of the process. The deactivating effect of nitrogen when its content in the crude was 0.01% and less can be eliminated by increasing the total pressure to 150 atmospheres; the duration of the reaction cycle here was not less than 1400 hours. Two-stage hydro-cracking makes it possible to obtain gasoline with an octane number of about 74 and diesel fuel with a cetane number of 50-55. Orig. art. has: 3 figures and 2 tables. [JPRS]

SUB CODE: 11, 07 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 019

8

L 45674-66 ENT(m)/T WE  
ACC NRI AP6023622

SOURCE CODE: UR/0318/66/000/004/0012/0015

AUTHOR: Agafonov, A. V.; Osipov, L. N.; Rogov, S. P.; Uzunkoyan, P. N.; Finelonov, V. P.; Zhandanovskiy, N. B.; Porozhina, I. Ya.; Kol'man, I. V.; Pisarchik, A. N.; Arandas'yev, V. I.; Khavkin, V. A.; Laz'yan, N. G.

ORG: All-Union Scientific Research Institute of Petroleum Refining (Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nafti); Novokuybyshev Petroleum Refinery (Novokuybyshevskiy neftepererabatyvayushchiy zavod)

TITLE: Experience with catalytic hydrocracking of vacuum distillate on the hydrofining assembly of the Novokuybyshev Petroleum Refinery

SOURCE: Neftepererabotka i neftekhimiya, no. 4, 1966, 12-15

TOPIC TAGS: catalytic cracking, petroleum product, gas oil fraction, diesel fuel, gasoline

ABSTRACT: The VNIINP has developed a variant of the process for producing diesel fuel involving one-step hydrocracking of sulfur-containing vacuum distillates on an alumina-cobalt-molybdenum catalyst. The results of laboratory experiments with this variant were successfully applied at the experimental industrial hydrofining assembly of the Novokuybyshev Petroleum Refinery. The operation of the hydrocracking assembly is described. The feed stock for the plant hydrocracking was vacuum gas oil obtained from distillation of sulfur feed stock. Distillation of the hydrogenate produced:

Card 1/2

UDC: 665.644.2.048.51665.658.2

L 45674-66

ACC NR: AP6023622

diesel oil which met all the requirements of GOST 4749-49 for DL<sub>1</sub> grade; a gasoline fraction characterized by a low sulfur content (0.002-0.03), a relatively heavy fractional composition (melting range 120-180°), and a low octane number (42), and is recommended as feed stock for catalytic reforming; the gaseous products methane (49.2 wt. %), ethane (29.4%), propane (17.8%) and butanes (3.65). The residue of the distillation of fuel fractions is recommended as feed stock for catalytic cracking. It is concluded that the hydrocracking of vacuum gas oil on the hydrofining assembly of NKNPZ confirmed the results of work carried out by the VNIINP on pilot plants for the purpose of designing high-capacity units. Orig. art. has 1 figure and 2 tables.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 003

Card 2/2 fv

GLOVATSKIY, A.B.; KHAVKIN, V.I.; DOLMATOV, V.A.; ZUYEV, B.P.; BONDARENKO, V.A.

Desulfuration of cast iron with soda briquets outside a  
blast furnace. Metallurg 9 no.9:4-5 S '64.

1. Karagandinskiy metallurgicheskiy zavod.

(MIRA 17:10)

DOIMATOV, V.A., inzh.; GLOVATSKIY, A.B., inzh.; KHAVKIN, V.I., inzh.

Selecting the optimum kinetic energy of the blast and avoiding  
the burning-up of the tuyeres at the Karaganda Metallurgical  
Plant. Stal' 23 no. 3:207-210 Mr '64. (MIRA 17:5)

1. Karagandinskiy metallurgicheskiy zavod.

FESHCHENKO, I.I.; NAMYATOV, G.N.; VISHNEVETSKIY, M.L.; GLOVATSKIY, A.B.;  
KHAVKIN, V.I.

Putting into operation a sintering department at the Karaganda  
Metallurgical Plant. Stal' 24 no.8;676-678 Ag '64.

(MIRA 17:9)

GLOBALVIEW, Crypt. COMMINT, Vias, REAKSIS, V. & NAVATOV, G.B.

Report of the first stage work at the Karaganda metallurgical plant  
USSR. (Based on the report of the USSR Ministry of Coal and part  
of the strategic minerals, Issued by the U.S. Department of Defense, Doc. S:28-33  
Vol. 1)

2. Report on the first stage work at the Karaganda plant.

DOLMATOV, V.A.; GLOVATSKIY, A.B.; ARKHIPOV, B.V.; KHAVKIN, V.I.

Use of mazut in the making of foundry pig iron. Metallurg 10 no.4;  
3-4 Ap '65. (MIRA 18:7)

1. Karagandinskij metallurgicheskiy zavod.

KHAVKIN

В. А. Кретов  
Программа для извлечения информации о ракетных траекториях из обзора зондом ЗИОН

12 часов  
(с 10 до 16 часов)

М. Н. Красников  
Измерение флюктуационных помех в телеметрии

В. А. Доронин  
О применении функций метода спиралей для определения структуры единичного генома

С. А. Родионов  
Применение принципов фотогравюры для рентгеновых снимков состояния ядерной

Н. Г. Драгин  
Прибор для проверки достоверности пакетированного кода

12 часов  
(с 10 до 22 часов)

Б. В. Кругер  
Телеметрические извлечения трубок туннельного сопла

30

Ч. Г. Беккеров  
Телеметрические системы, использующие отраженные трубы со звуковыми и волнистыми волами

Н. Н. Красников  
Установка для аэромагнитных приборов

К. С. Бончук,

М. Г. Марков

О геометрическом анализаторе радио и радиотехнических извлечений трубок

**Г. СЕКЦИЯ ЭЛЕКТРОНИКИ**

Руководитель: В. Д. Денисов

8 часов  
(с 10 до 16 часов)

Г. И. Руднов,  
Г. В. Коновалов  
Новые методы радиоизотопических методов в радиоэлектронике

В. А. Абрамов  
Применение генераторов конформного типа для приема приборов СВЧ

report submitted for the Centennial Meeting of the Scientific Technological Society of  
Radio Engineering and Electrical Communications in A. G. Руслан (ТЭКИС), Moscow,  
8-12 June, 1959

MIL'MAN, A.Ya.; KHAVKIN, V.P.,

Some problems in yarn winding from the warping beam. Izv.  
vys. ucheb. zav., tekhn. tekst. prom. no.4:82-89 '63.  
(MIRA 16:11)

1. Vsesoyusnyy nauchno-issledovatel'skiy institut lesgkogo  
i tekstil'nego mashinostroyeniya.

KHAVKIN, V.P.; MOLCHANOV, A.S.

Transmission functions of the drafter. Report No.2. Izv. vys.  
ucheb, zav., tekhn. tekst. prom. no.6:136-144 '63 (MIRA I&I8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i  
tekstil'nogo mashinostroyeniya i Moskovskiy tekstil'nyy in-  
stitut.

MOFSHOVICH, P.M.; KHAVKIN, V.P.

Regulation of spinning machines by layers. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.6:116-122 '64. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tekstil'nogo i legkogo mashinostroyeniya.

KHAVKIN, V.P., Inzh.

Discrete memory devices in automatic control systems used in the evening of industrial production. Naruch.-islet. trudy VNIILTEKMASHa no.11.3-23 '54.

Effect of transducer dimensions on the measurement error of automatic control systems used in the evening of the grade of production. Ibid. #24-31 (MIRA 186)

GINZBURG, L.I., prof.; KHAVKIN, V.P., nauchnyy sotrudnik

Determining the probable characteristics of yarn tension in  
centrifugal spinning as dependent on the probable characteristics  
of yarn mass distribution along its length. Tekst. prom. 24 no.4:  
10-20 Ap '64. (:MRA 17:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennosti  
lubyarykh volokon (TsNIILV) (for Ginzburg). 2. Vsesoyuznyy nauchno-  
issledovatel'skiy institut tekstil'nogo i legkogo mashinostroyeniya  
(VNIITekmash) (for Khavkin).

KHAVKIN, V.P.; MOLCHANOV, A.S., starshiy nauchnyy sotrudnik

Practical method for determining the frequency characteristics of  
drafters. Tekst. prom. 24 no.7:46-51 Jl. '64. (MIRA 17:10)

1. Zaveduyushchiy laboratoriyye Vsesoyuznogo nauchno-issledovatel'-  
skogo instituta logkogo i tekstil'nego mashinostroyeniya institut  
promyshlennyykh lubyanykh volokon (TsNIIILV) (for Molchanov).

KOYCHOVICH, P.M., inzh.; KHAVKIN, V.P., inzh.

Effectiveness of dual control in drives with vacuum-valve stages.  
Elektrotehnika 35 no.9:26-27 S '64.  
(MITRA 17:11)

REBARBAR, Ya.M.; KHAVKIN, V.P.; VINTER, Yu.M.; MIL'MAN, Ya.V.

Selecting the optimum parameters of the mechanism for automatic jacquard card punching. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.2:121-126 '65. (MIRA 18:5)

1. Moskovskiy tekstil'nyy institut, Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i tekstil'nogo mashinostroyeniya i TSentral'nyy nauchno-issledovatel'skiy institut promyshlennosti lubyanykh volokon.

MOLCHANOV, A.S.; KHAVKIN, V.P.

Transmission functions of the drafter during the local breaking  
of fibers. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.3:120-124 165.  
(MIRA 18:8)

1. Moskovskiy tekstil'nyy institut i Vsesoyuznyy nauchno-issledo-  
vatel'skiy institut legkogo i tekstil'nogo zashchitno-stroyeniya.

KHAVKIN, V.P.; MOLCHANOV, A.S.

Dynamics of the drafting process in the nonlocal fiber splitting.  
Izv. vys. ucheb. zav.; tekhn. prom. no.6:99-104 '65.  
(MIRA 19:1)

1. Moskovskiy tekstil'nyy institut i Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i tekstil'nogo mashinostroyeniya.  
Submitted September 23, 1964.

KOZHEVNIKOV, D.A.; KHAVKIN, V.S.; SHTEYNBREKHER, D.P.

Using the age approach to study regularities in the distribution  
of neutrons in rocks. Trudy MINKHIGP no.41:76-83 '63.  
(MIRA 16:10)

L 13883-66 EWT(d)/EWP(1) IWP(c) BB/GG  
ACC NR: AP6030573

SOURCE CODE: UR/0413/66/000/016/0055/0035

INVENTOR: Kreynin, G. I.; Loshevskiy, R. A.; Mukaimov, M. N.; Rabkina, N. V.; Khavkin, V. Ye.; Skvortsov, A. M.; Norkin, L. M.

1/2

B

ORG: none

TITLE: Memory device. Class 21, No. 184935

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 55

TOPIC TAGS: computer memory, computer storage device

ABSTRACT: This Author Certificate introduces a word-organized memory consisting of multiaperture ferrite plates, and a magnetic decoder with transformers using multiaperture ferrite plates (see Fig. 1). To increase both the speed and capacity

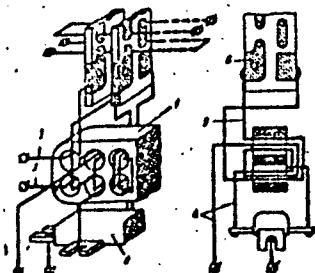


Fig. 1. Memory device

1 - Ferrite plate; 2 - diode matrix;  
3 - bias winding; 4 - excitation winding;  
5 - output winding; 6 - printed winding.

Card 1/2

UDC: 681.142.07

Card 2/2 mjs

*KHAVKIN, Yu.A.*

USSR/General Problems of Pathology - Immunity.

T-1

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12498

Author : Khavkin, Yu.A.

Inst : Not given

Title : On Antigenic Characteristics of the Serum Protein Fractions

Orig Pub : Nauchn. raboty stud. Tashkentsk. med. in-ta. Tashkent,  
AN UASSR, 1956, 23-26Abstract : Albumin and total globulin, obtained by precipitating a  
diluted serum with various amounts of ammonium sulfate,  
served as antigens. The rabbits were immunized with incre-  
asing doses (10 - 35 mg) every other day for a total of 9  
times. Similarity between the antigens was found by adsor-  
bing from the total antiserum antibodies which were capa-  
ble of reacting with both the albumin and the globulin.  
The albumin and the globulin were fixed by the same

Card 1/2

USSR/General Problems of Pathology - Immunity

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721920001

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12498

antibodies. The globulin unlike the albumin extracted all the antibodies. This was substantiated by experiments concerned with regeneration of the antibodies bound to the albumin, as well as by the anaphylactoid reaction with desensitization. Globulin desensitized the animals that had been given globulin.

Card 2/2

KHAVKIN, Yu. A.: Master Med Sci (diss) -- "On the variability of serum protein in nephropathy of pregnant women". Tashkent, 1959. 20 pp (Tashkent State Med Inst), 230 copies (KL, No 13, 1959, 113)

KHAVKIN, Yu.A.; KOROBKOVA, M.V.

Process of ampuline adsorbed anatoxin with the aid of a magnetic  
mixer. Med.prom. 14 no. n3:41-42 Kr. '60. (MIRA 13:6)

1. Tashkentskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok.

(VACCINES)

KHAVKIN, Yu.A.

Quantitative and qualitative changes in blood protein fractions during normal pregnancy and in diseased kidney conditions. Med. zhur. Uzb. no.10:40-44 0 '60.  
(MIRA 13:12)

1. Iz kafedry biokhimii (zav. - prof. A.S. Volynskiy) Tashkentskogo gosudarstvennogo meditsinskogo instituta.  
(BLOOD PROTEINS) (PREGNANCY) (KIDNEYS—DISEASES)

KHAVKIN, Yu.A.

Method for objective calculation in the precipitation reaction in  
agar. Lab. delo 7 no.2:45-47 F '61. (MIRA 14:1)

1. Tashkentskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok (direktor A.B.Inogamov).  
(ANTIGENS AND ANTIBODIES)

KHAWKIN, Yu.A.; LEVIN, G.S.

Investigation of pathological  $\gamma$ -globulin isolated from the blood serum in a case of multiple myeloma. Vop.med.khim. 6 no.2:192-197  
Mr-Ap '60. (MIRA 14:5)

1. The Uzbek Research Institute for Hematology and Blood Transfusion,  
Tashkent.

(TUMORS)

(GAMMA GLOBULIN)

SADYKOV, A.S.; KHAVKIN, Yu.A.

Immunization of horses with purified diphtheria anatoxin. Trudy  
TashNIIVS 6:9-13 '61. (MIRA 15:11)  
(DIPHTHERIA ANTITOXIN)

KHAVKIN, Yu.A.

Improvement in the technology of producing purified adsorbed diphtheria anatoxin. Trudy TashNIIVS 6:15-19 '61. (MIRA 15:11)  
(DIPHTHERIA ANTITOXIN)

KHAVKIN, Yu.A.; SULEYMANOV, M.S.; LISOVSKAYA, N.D.

Immunogenicity of adsorbed diphtheria anatoxin depending on the titer of the original natural anatoxin and the degree of its purification. Trudy TashNIVS 6:21-25 '61. (MIRA 15:11)  
(DIPHTHERIA ANTITOXIN)

KHAVKIN, Yu.A.; VASIL'YEV, B.A.

Juxtaposition of the chemical and electrophoretic methods of  
determining the albumin-globulin coefficient. Trudy Tash.  
NIIVS 5:167-174 '62. (MIRA 16:10)  
(BLOOD — ANALYSIS AND CHEMISTRY) / (ALBUMIN)  
(GLOBULIN)

KHAVKIN, Yu.A.; MOROZOVA, M.A.; KRISTALLINSKAYA, N.S.

Purification of diphtheria toxin by the gel filtration  
method. Vop. med. khim. 9 no.5:526-529 S-0 '63.

(MIRA 17:1)

1. Tashkentskiy nauchno-issledovatel'skiy institut vaktsin  
i syvorotok.

KHANIKH, Yu. I.

KHANIKH, Yu. I. - "A study of the problems of combustion of heavy liquid fuel in the combustion chambers of gas turbines." Leningrad, 1955. Min Higher Education USSR. Leningrad Polytechnic Inst ieni N. I. Kalinin. (Dissertations for degree of Candidate of Technical Sciences.)

Sc: Knizhnaya laponis', No 46. 26 November 1955. Moscow.

GEL'FENBEYN, L.G., kand.tekhn.nauk; KHAVKIN, Yu.I., kand.tekhn.nauk

Construction and operating characteristics of a gas turbine  
regenerator made from corrugated sheets with projections. Tep-  
loenergetika 8 no.7:29-32 Jl '61. (MIRA 14:9)

1. Khar'kovskiy politekhnicheskiy institut i Leningradskiy  
zavod "Ekonomayzer"  
(Gas turbines)

KHRISTICH, V.A.; KHAVKIN, Yu.I.; TKACHUK, Yu.F.; SHEVCHENKO, A.M.;  
LYUBCHIK, G.N.

Study of the possibility of conversion of the combustion  
chambers of the GTU-15-800 gas turbine systems to operation  
on natural gas. Energ. i elekrotekh. prom. no.2:28-32  
Ap-Je '63. (MIRA 16:7)

1. Kiyevskiy politekhnicheskiy institut i leningradskiy mashino-  
stroitel'nyy zavod "Ekonomayzer".  
(Gas turbines)

KHAVKINA, B.L., inzh.; SHUR, S.I., kand. khim. nauk

Analyzing the structural characteristics of hydrogenated oil  
and soap stock by their viscous properties. Masl.-zhir. prom.  
29 no.5:12-14 My '63. (MIRA 16:7)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya  
shirovoy promyshlennosti Moskovskogo gorodskogo soveta narodnogo  
khozyaystva.

(Oils and fats—Analysis) (Viscosity)

KHAVKINA, N.N.

Effect of exteroceptive stimulation on the formation of motor habits.  
Report no.2, Uch.zap.Len.un. no.164:242-250 '54. (MLRA 10:3)  
(MOVEMENT, PSYCHOLOGY OF)

KHAVKINA, N.N.

The effect of external stimulation on the formation of the dominant focus of motor excitation in man. Vest. Len. un.  
11 no.21:117-124 '56.

(MLRA 10:2)

(MOVEMENT, PSYCHOLOGY OF) (SOUND)

KHAVKINA, N.N.

Effect of optimal exteroceptive stimulation on the formation of motor  
habits in man. Uch. zap. LGU no.222:227-237 '57. (MLRA 10:8)

1. Kafedra fisiologii cheloveka i zhivotnykh Leningradskogo Gosu-  
darstvennogo universiteta.  
(MOVEMENT, PSYCHOLOGY OF)

KHAVKINA, N.N.

Characteristics of the functional state of the centers during  
the formation of dominance in man [with summary in English].  
Fiziol. zhur 44 no.9:873-881 S '58 (MIRA 11:12)

1. Kafedra fiziologii cheloveka i zhivotnykh Leningradskogo gosudar-  
stvennogo universiteta.  
(MOVEMENTS, physiol.  
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